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MAR 18 2005

**To:** Group Art Unit 1642, USPTO**Telephone:** 571-272-0834**Fax:** 703-872-9306**To:** Examiner Sheela J. Huff, USPTO, Group Art Unit 1642**Telephone:** 571-272-0834**Fax:** 571-273-0834**From:** Patricia D. Granados**Telephone:** (202) 912-2142**Direct Fax:****No. of Pages:** 11 (including cover)**Date:** March 18, 2005

40923.0046 (4871)

**Message: Re: 09/688,089 HANSEN filed 10/16/00****Confirmation No. 2717****Final Office Action mailed 9/21/04****Final Deadline for Response 3/21/05**

Examiner Huff,

Please consider our Amendment attached and provide a Notice of Allowability on or before Monday, March 21, 2005.

Thank you.

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PAGE 1/11 \* RCVD AT 3/18/2005 2:53:28 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-1/1 \* DNIS:8729306 \* CSID:202 912 2020 \* DURATION (mm-ss):03-16

PTO/SB/97 (08-00)  
Approved for use through 10/31/2002. OMB 0681-0031  
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Certificate of Transmission under 37 CFR 1.8 for 09/688,089 (1 page)  
Transmittal Form PTO/SB/21 for 09/688,089 (1 page)  
Combined Fee Transmittal for FY 2005 for 09/688,089 (1 page)  
Petition for Extension of Time for three months for 09/688,089 (1 page)  
Amendment and Request for Reconsideration under 37 CFR 1.116 for  
09/688,089 (6 pages)

MAR 18 2005

PTO/SB/21 (08/03)

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/688,089
	Filing Date	October 16, 2000
	First Named Inventor	Hans J. HANSEN
	Art Unit	1642
	Examiner Name	S. HUFF
Total Number of Pages in This Submission	10	Attorney Docket No. 49923-0046US4 [1002]

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 (CFR) 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s), please identify below): <b>CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8 (VIA FACSIMILE)</b>
Remarks <b>CUSTOMER NO. 26633</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	Patricia D. Granada, Reg. No. 33,683, HELLER EHRMAN LLP
Signature	<i>Patricia D. Granada</i>
Date	March 18, 2005

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	
Signature	Date

This collection of information is required by 37 C.F.R. 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions by reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

# COMBINED FEE TRANSMITTAL for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), &amp; (i))

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$510)

## Complete if Known

Application Number	09/688,089
Filing Date	October 16, 2000
First Named Inventor	Hans J. HANSEN
Examiner Name	HUFF, S.
Art Unit	1642
Attorney Docket No.	40923-004/US4 [1002]

## METHOD OF PAYMENT (check one)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit Account Number: 08-1641

Deposit Account Name: Heller Ehrman White &amp; McAuliffe LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below☒ Credit any overpayments and charge any deficiencies☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the deposit account

## FEE CALCULATION (continued)

<b>4. PETITION FEES UNDER 37 CFR 1.17 (i)</b> Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)	Fee Paid
<b>5. PETITION FEES UNDER 37 CFR 1.17 (r)</b> Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25	Fee Paid
<b>6. PETITION FEES UNDER 37 CFR 1.17 (h)</b> Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314	Fee Paid
<b>7. PROCESSING FEES UNDER 37 CFR 1.17 (j)</b> Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(e)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81	Fee Paid

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

## 8. OTHER FEES

Entity Fee (\$)	Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for <i>ex parte</i> reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	510
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
500	250	Filing a brief in support of an appeal	
790	395	Filing a submission after final rejection (37 CFR 1.129(e))	
1,510	1,510	Petition to institute a public use proceeding	
500	250	Petition to revive - unavoidably abandoned application	
1,500	750	Petition to revive - unintentionally abandoned application	
50	50	Processing fee for provisional apps (37 CFR 1.17(q))	
180	180	Submission of Information Disclosure Statement	
1,000	500	Request for oral hearing	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
790	395	Request for Continued Examination (RCE)	
900	900	Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (4+5+6+7+8) \$510

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 5

## SUBMITTED BY

Name (Print/Type) Patricia D. Grandos

Registration No. (Attorney/Agent) 33,683

## Complete (if applicable)

Telephone 202-912-2142

MAR 18 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Attorney Docket No. 40923-0046US4 [1002]

In re patent application of

Hans J. HANSEN

Confirmation No.: 2717

Serial No. 09/688,089

Group Art Unit: 1642

Filed: October 16, 2000

Examiner: S. HUFF

For: MULTI-STAGE CASCADE BOOSTING VACCINE

**AMENDMENT AND REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. § 1.116**

Mail Stop AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This is a response to the Final Office Action mailed September 21, 2004, the due date for response to which has been extended to March 21, 2005, by filing a Petition for a three month Extension of Time and payment of appropriate government fees. It is believed that no additional fees are due, but if this is not the case, the Commissioner is hereby authorized to credit any overpayment or to charge any deficiency to Deposit Account No. 19-0741 for any deficiencies.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks/Arguments begin on page 5 of this document.

Please amend the application as follows: